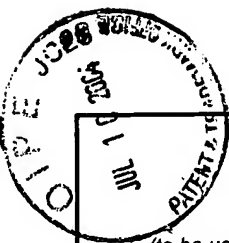


AF/1723 IFW

PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/085,598
	Filing Date	February 26, 2002
	First Named Inventor	Hongfeng Yin
	Art Unit	1723
	Examiner Name	Ernest G. Therkorn
	Attorney Docket Number	10010924-1
Mail Stop	AF	

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> No fee due <input checked="" type="checkbox"/> Fee Transmittal <input type="checkbox"/> Fee(s) due <input type="checkbox"/> Fee Transmittal <input type="checkbox"/> Charge the total fee(s) due of \$* to Deposit Account No. 50-1078 <input checked="" type="checkbox"/> Charge any underpayment or credit any overpayment to Deposit Account No. 50-1078 <input checked="" type="checkbox"/> Return postcard (2) <input type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement & Form(s) PTO-1449 <input type="checkbox"/> Copy(ies) of cited reference(s) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts / Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s):	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks: <b>The Commissioner is hereby authorized to charge any additional or underpayment of fee(s) to Deposit Account No. 50-1078.</b>		

Corres. and Mail  
**BOX AF**

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Name (print/type)	Shelley P. Eberle	Registration No. (Attorney/Agent)	31,411
Signature	<i>Shelley Eberle</i>		Date
			July 13, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 13, 2004.			
Name (print/type)	Joe Clark	Date	July 13, 2004
Signature	<i>Joe Clark</i>		

# **FEE TRANSMITTAL** **for FY 2004**

Effective 10/01/03. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** \$0.00**Complete if Known**Application Number **10/085,598**Filing Date **February 26, 2002**First Named Inventor **Hongfeng Yin**Examiner Name **Ernest G. Therkorn**Group Art Unit **1723**Attorney Docket No. **10010924-1****METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account No. **50-1078**Deposit Account Name **Agilent Technologies, Inc.**

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Charge any underpayment or credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1)** \$**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
28	0		
5	0		

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claim in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** \$

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

\$

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	<b>Shelley P. Eberle</b>	Registration No. (Attorney/Agent)	<b>31,411</b>	Telephone	
Signature	<i>Shelley Eberle</i>	Date	<b>July 13, 2004</b>		

Application No. 10/085,598  
Amendment dated July 13, 2004  
Reply to Final Office Action of May 24, 2004  
EXPEDITED PROCEDURE – EXAMINING GROUP 1723

Atty Dkt No. 10010924-1  
R&E 5000-0064

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**BOX AF**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:  
Hongfeng YIN et al.

Confirmation No.: 7083

Serial No.: 10/085,598

Group Art Unit: 1723

Filing Date: February 26, 2002

Examiner: Ernest G. THERKORN

Title: MOBILE PHASE GRADIENT GENERATION MICROFLUIDIC DEVICE

**AMENDMENT UNDER 37 C.F.R. § 1.116**  
**EXPEDITED PROCEDURE – EXAMINING GROUP 1723**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action dated May 24, 2004, please amend the above-identified application as follows and consider the following remarks.

Amendments to the Claims are reflected in the listing of the claims which begins on page 2 of this document.

Remarks begin on page 8 of this document.